



STATE OF TENNESSEE  
**DEPARTMENT OF ENVIRONMENT AND CONSERVATION**  
**State Revolving Fund Loan Program**  
L & C Tower, 8<sup>th</sup> Floor  
401 Church Street  
Nashville, TN 37243

**FINDING OF NO SIGNIFICANT IMPACT AMENDMENT**

**Approval of Facilities Plan Amendment**  
**Franklin (Williamson County), Tennessee**  
**Project No. CGA 2009-250**

**March 9, 2012**

The National Environmental Policy Act requires federally designated agencies to determine whether a proposed major agency action will significantly affect the environment. One such major action, defined by Section 511(c)(1) of the Clean Water Act, is the approval of a facilities plan prepared pursuant to Title VI of the Clean Water Act. In making this determination, the State Revolving Fund (SRF) Loan Program assumes that all facilities and actions recommended by the plan will be implemented. The State's analysis concludes that implementing the plan will not significantly affect the environment; accordingly, the State Revolving Fund Loan Program is issuing this Finding of No Significant Impact (FNSI) Amendment for public review.

A previous FNSI, dated September 28, 2009, included collection system expansion into the Boyd Mill Avenue and Country Road areas utilizing small diameter low pressure collection lines, and into the Simmons Ridge area utilizing gravity sewers. The previous FNSI also included expanding the existing reclaimed water distribution system with the Downs Boulevard Reclaimed Water Line and the West Reclaimed Water Line. A copy of the previous FNSI may be viewed at the offices of the State Revolving Fund Loan Program.

This FNSI Amendment addresses replacing or rehabilitating existing sewers in an area of downtown Franklin. The figure showing the proposed project area is attached.

Attached is an Environmental Assessment Amendment containing detailed information supporting this action. Comments supporting or disagreeing with this proposed action received within 30 days of the date of this FNSI Amendment will be evaluated before we make a final decision to proceed. If you wish to comment or to challenge this FNSI Amendment, send your written comment(s) to:

Mr. Sam R. Gaddipati, Environmental Manager  
State Revolving Fund Loan Program  
Tennessee Department of Environment and Conservation  
L & C Tower, 8th Floor  
401 Church Street  
Nashville, TN 37243

or call or e-mail (615) 532-0462 or [sam.gaddipati@tn.gov](mailto:sam.gaddipati@tn.gov) .

## **ENVIRONMENTAL ASSESSMENT AMENDMENT**

**Franklin (Williamson County), Tennessee**

**Project No. CGA 2009-250**

**March 9, 2012**

### **A. PROPOSED FACILITIES AND ACTIONS; FUNDING STATUS**

A previous FNSI, dated September 28, 2009, included collection system expansion into the Boyd Mill Avenue and Country Road areas utilizing small diameter low pressure collection lines, and into the Simmons Ridge area utilizing gravity sewers. The previous FNSI also included expanding the existing reclaimed water distribution system with the Downs Boulevard Reclaimed Water Line and the West Reclaimed Water Line. A copy of the previous FNSI may be viewed at the offices of the State Revolving Fund Loan Program.

This FNSI Amendment addresses replacing or rehabilitating existing sewers in an area of downtown Franklin area. The figure showing the proposed project area is attached.

### **B. REASONS FOR CHANGE**

In an area of downtown Franklin, there is concern for the existing sewers due to the age of the sewers. The project area is near Fair Street and West Main Street as indicated on the attached Figure 1. This area is currently served by a sewer collection system that was installed in the early 1900's. There is concern with the pipe's ability to transport the sewage from individual homes due to the deteriorated condition of the clay pipes. Infiltration and inflow is also a concern due to the age of the pipe. As the sewer pipe ages, cracks and fractures begin to form in the pipe structure allowing groundwater and water from rainfall events to enter the collection system at various points. This infiltration and inflow water will remain in the system, thus reducing the capacity of the pipe for sewer flow and causing the existing wastewater treatment plant to treat both sewage and infiltration and inflow. This project will repair the cracked, broken, and otherwise deteriorated pipe in the specified project area between 7<sup>th</sup> and 9<sup>th</sup> Avenues North and Fair and Natchez Streets. Repairs will be made to the existing pipe by lining the interior of the pipe where practical. Where repairs cannot be made due to the excessive deterioration of the existing pipe, the existing pipe will be replaced with new 12-inch diameter PVC pipe.

### **C. ENVIRONMENTAL CONSEQUENCES; MITIGATIVE MEASURES**

During the construction phase, short-term environmental impacts due to noise, dust, mud, disruption of traffic, runoff of silt with rainfall, etc., are unavoidable. Minimization of these impacts will be required; however, many of these minimization measures will only be temporary. Using the following measures to prevent erosion will minimize impacts on the environment:

1. Specifications will include temporary and permanent measures to be used for controlling erosion and sediment.
2. Soil or landscaping maintenance procedures will be included in the specifications.
3. The contractor will develop an Erosion Control Plan. It will contain a construction schedule for each temporary and permanent measure controlling erosion and sediment. It will include the location, type, and purpose for each measure and the times when temporary measures will be removed or replaced.

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These measures, along with requiring the contractor to return the construction site to as-good-as or better-than its original condition, will prevent any adverse impacts due to erosion.

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The State Historic Preservation Officer has reviewed the project and has determined that the project will not impact known significant cultural resources.

### **D. PUBLIC PARTICIPATION; SOURCES CONSULTED**

A Public Meeting was held on October 15, 2009 at 6:15 PM. The selected wastewater treatment plan and user charges were described to the public, and their input was received. This agency is not aware of any unresolved public objections that may have been voiced before or after the public meeting regarding this project.

The existing user charges are sufficient to repay the SRF loan. Therefore, no incremental increase in user charges will be required.

Sources consulted about this project for information or concurrence were:

1. Tennessee Department of Agriculture
2. Tennessee Department of Economic and Community Development (ECD)
3. Tennessee Division of Air Pollution Control (DAPC)
4. Tennessee Department of Transportation (TDOT)
5. Tennessee Division of Groundwater Protection (DWGP)
6. Tennessee Historical Commission
7. Tennessee Division of Archaeology (DA)
8. Tennessee Division of Natural Heritage (DNH)
9. Tennessee Division of Solid Waste Management (DSWM)
10. Tennessee Division of Water Pollution Control (DWPC)
11. Tennessee Division of Water Supply (DWS)
12. Tennessee Wildlife Resources Agency (TWRA)
13. United States Army, Corps of Engineers (USACE)
14. United States Fish and Wildlife Service (USF&W)
15. City of Franklin
16. Williamson County

### **E. SPECIAL CONDITIONS**

Per inter-agency review and response, the State Revolving Fund loan agreement will have no special conditions.